

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



Inventor: BORZENETS ET AL.  
Docket No.: 10467.54US01  
Title: RESONATOR TUNING ASSEMBLY AND METHOD  
Serial No.: 10/037,292  
Sheet 1 of 28

FIG. 1

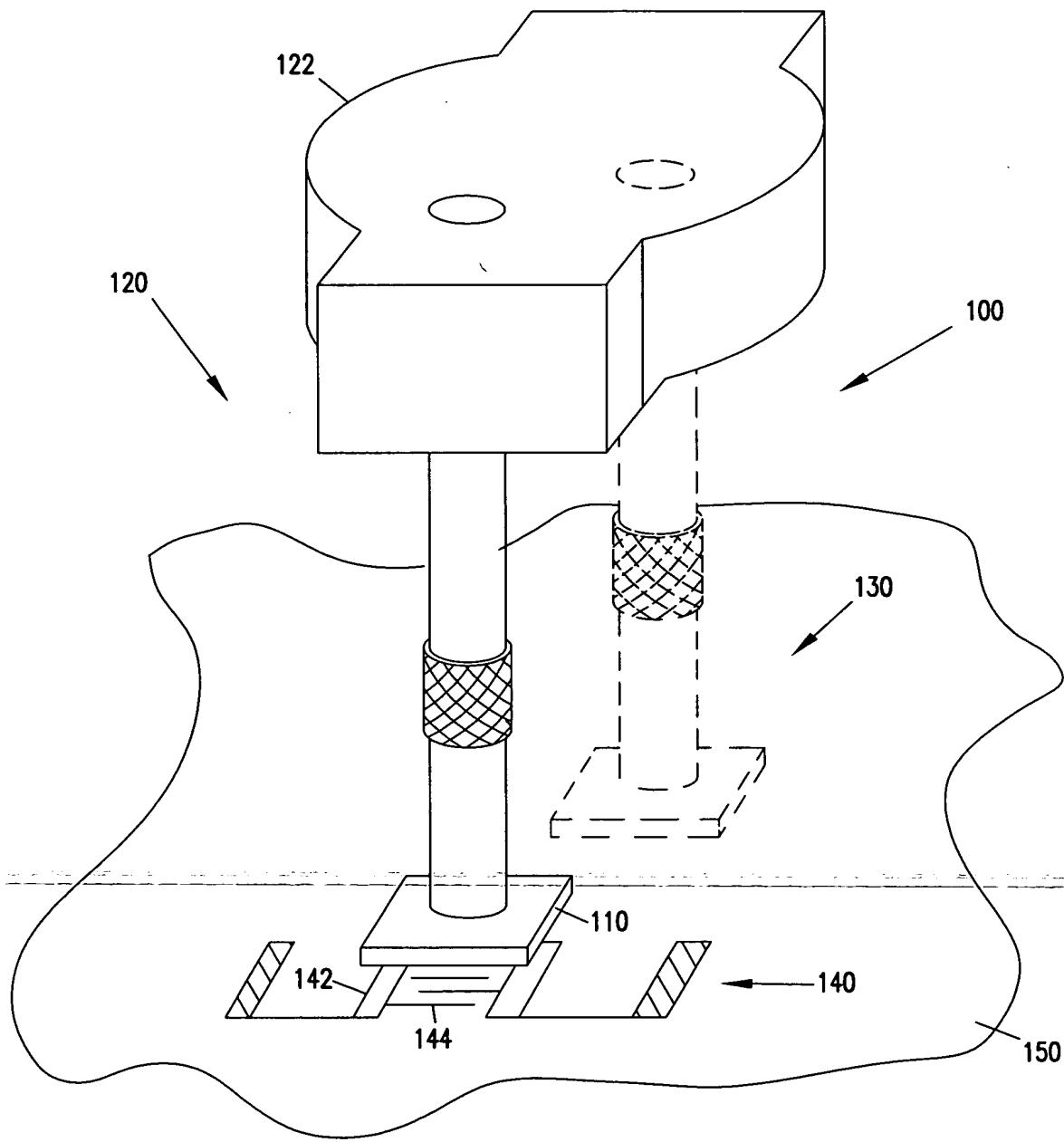




FIG. 2

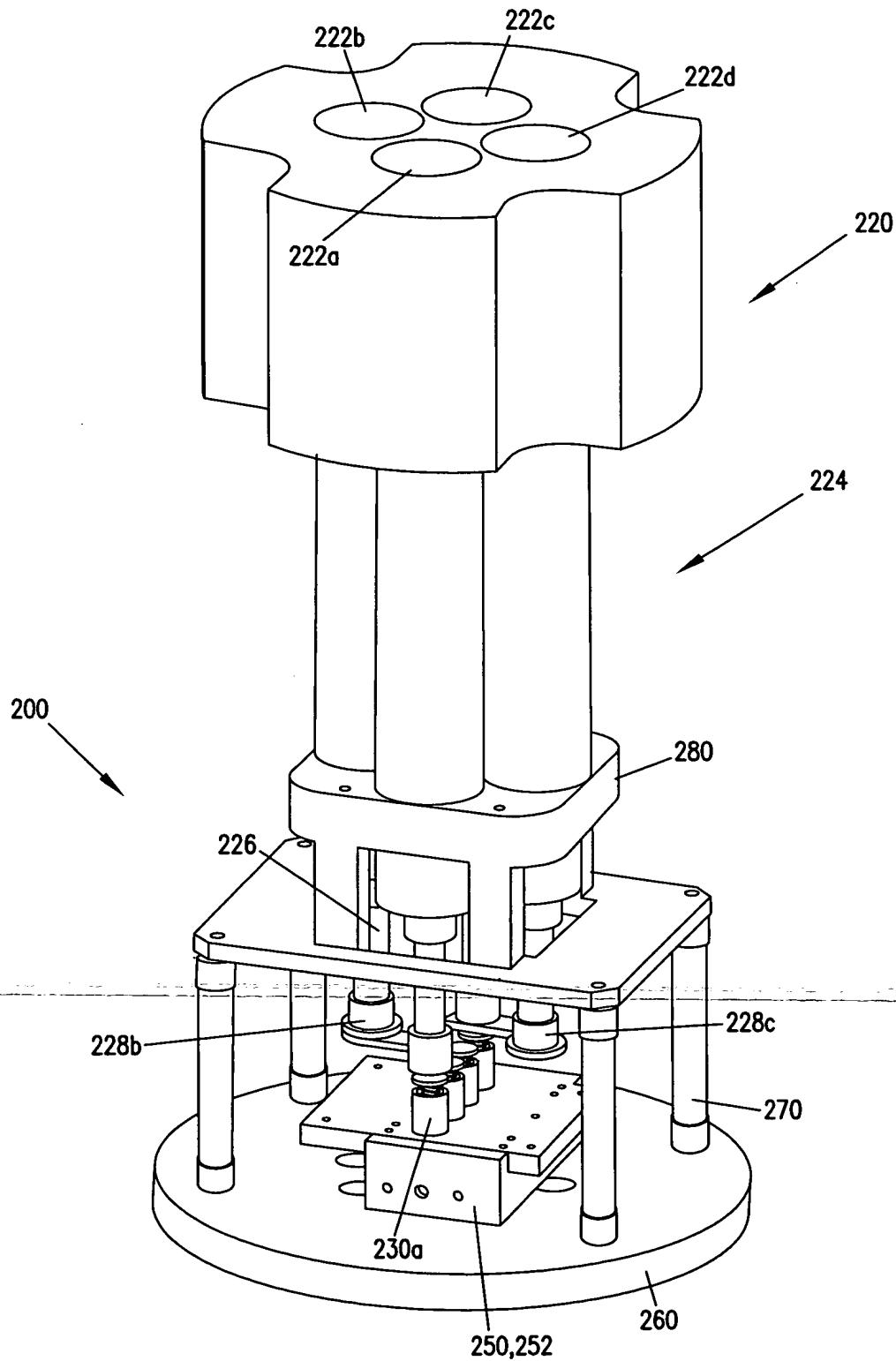




FIG. 3

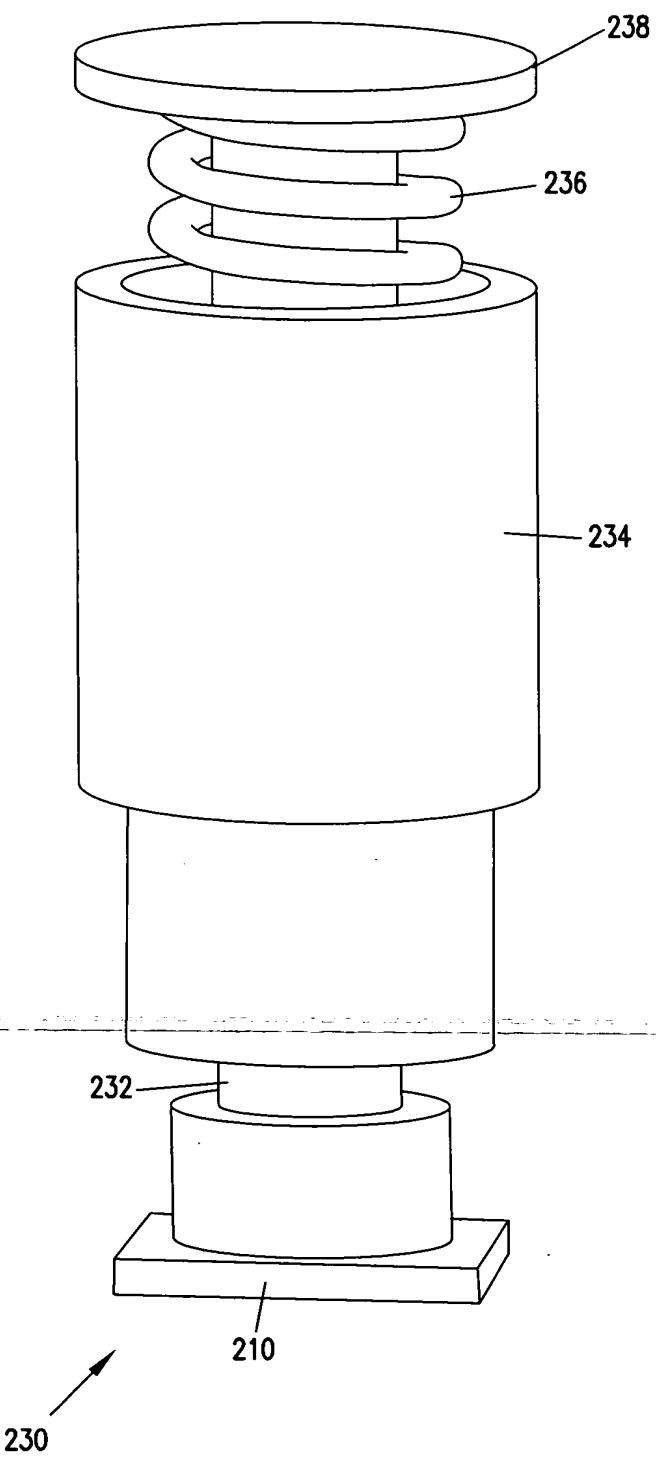




FIG. 4

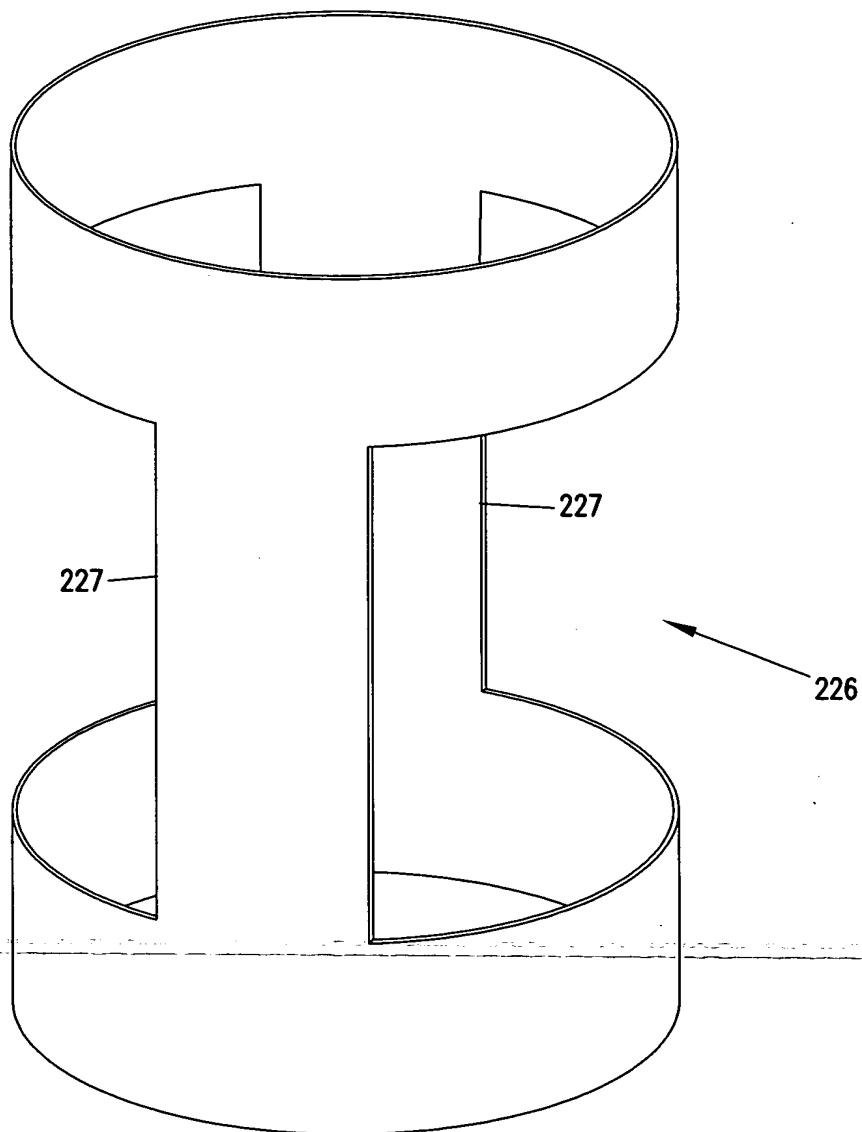




FIG. 5

500

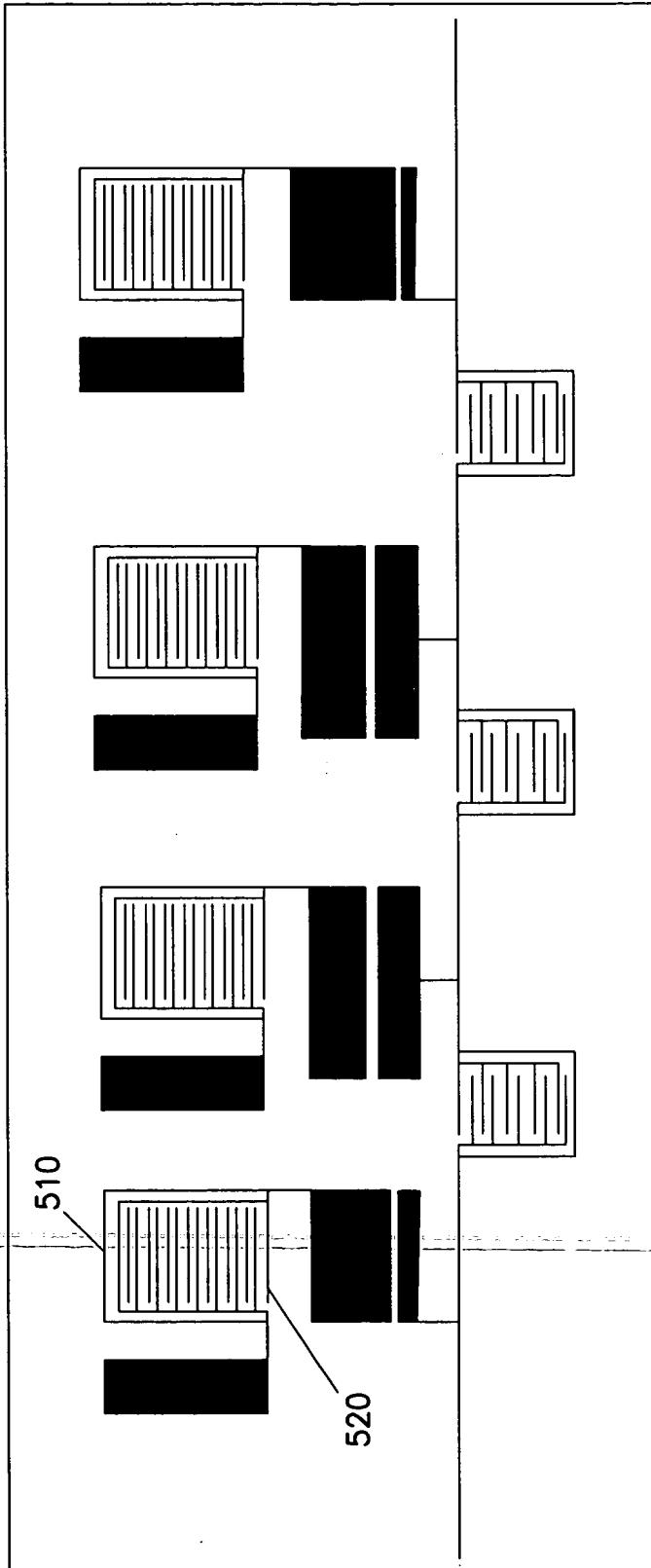




FIG. 6

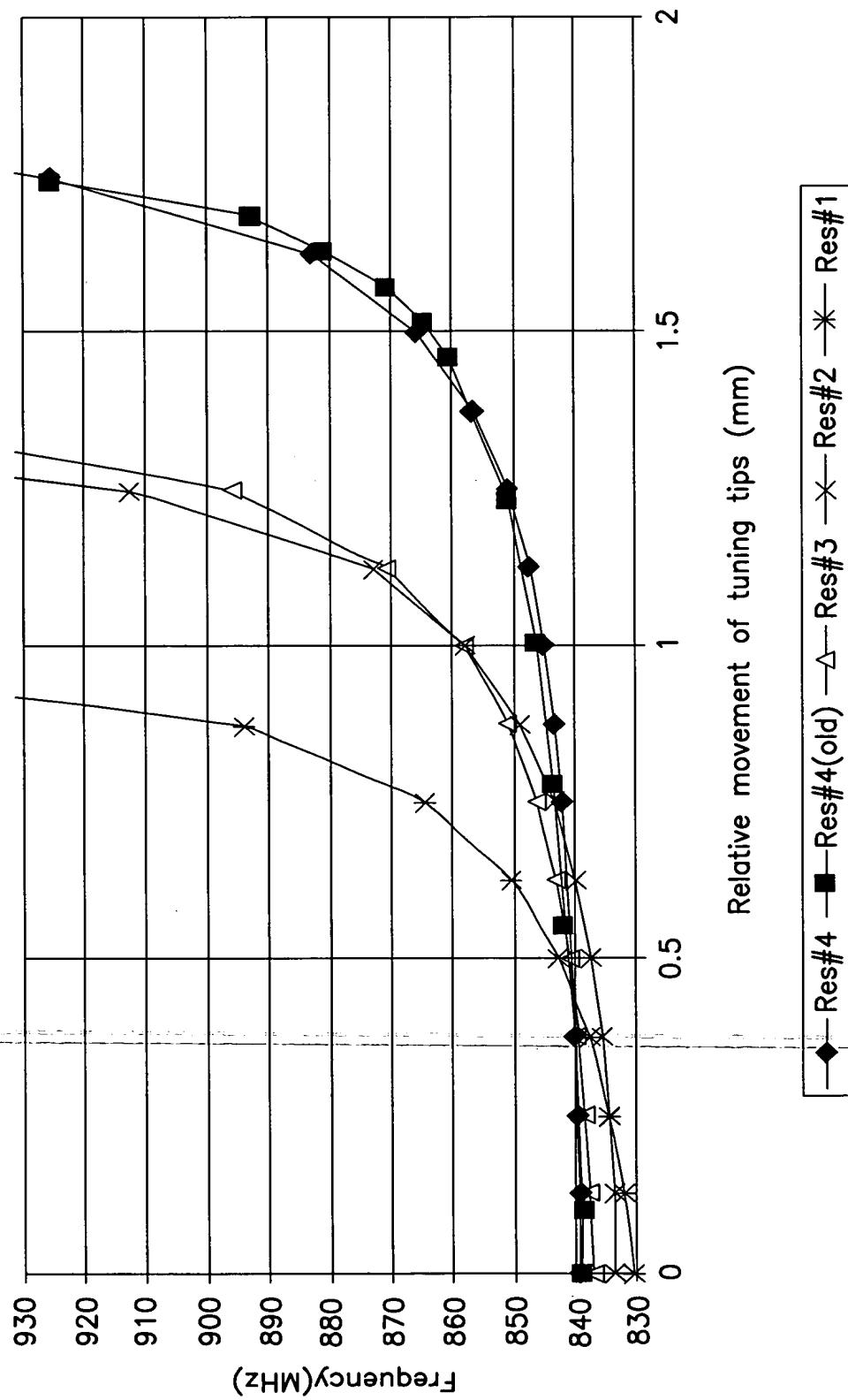




FIG. 7

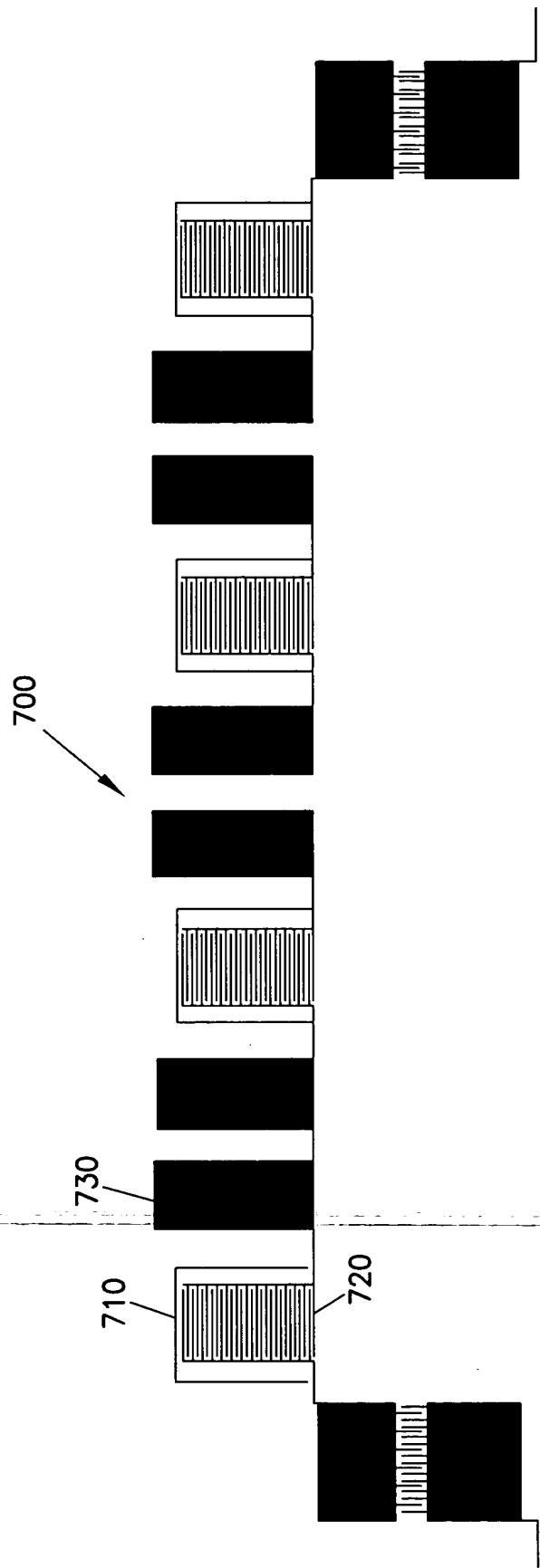
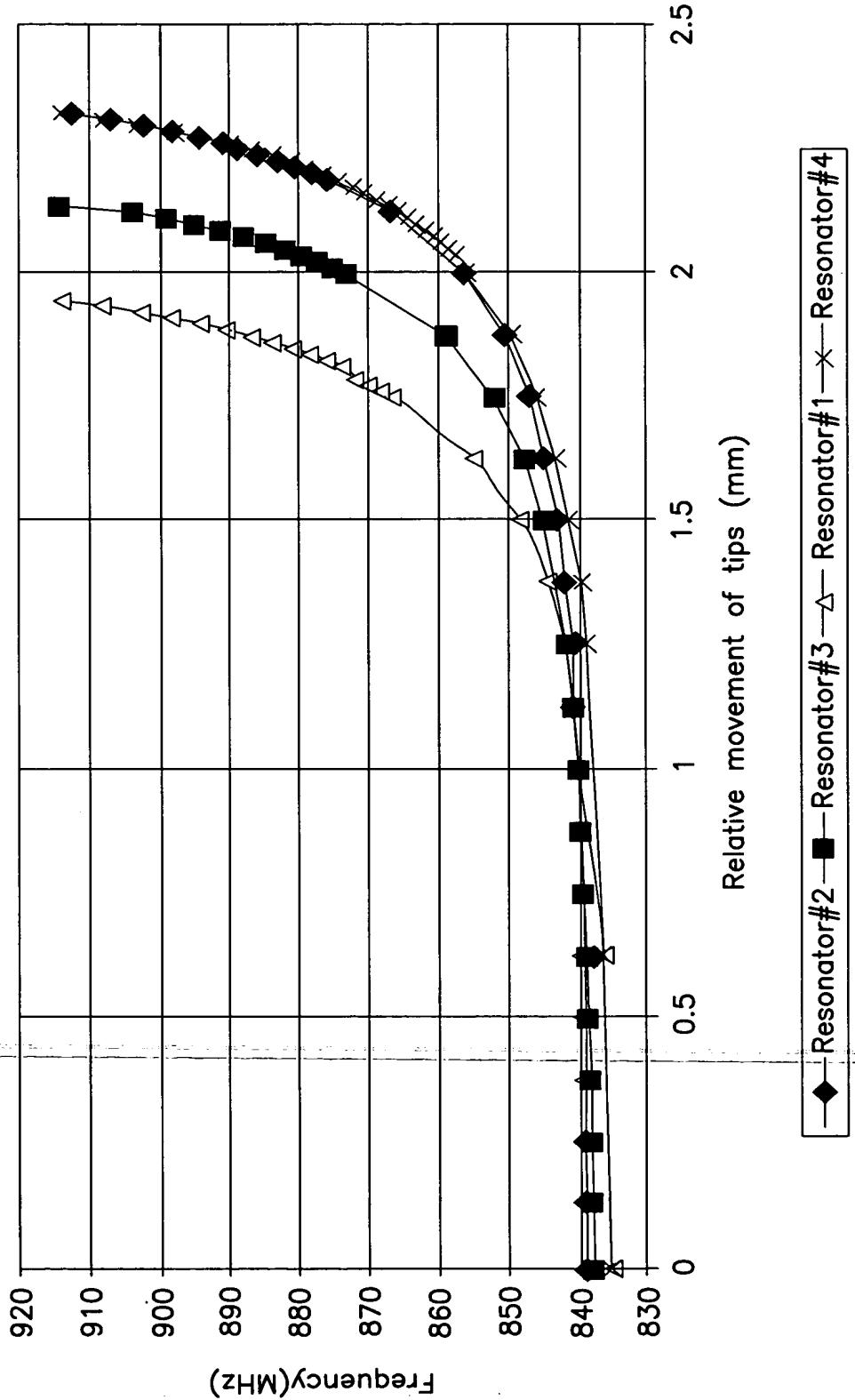




FIG. 8





Inventor: BORZENETS ET AL.  
Docket No.: 10467.54US01  
Title: RESONATOR TUNING ASSEMBLY AND METHOD  
Serial No.: 10/037,292  
Sheet 9 of 28

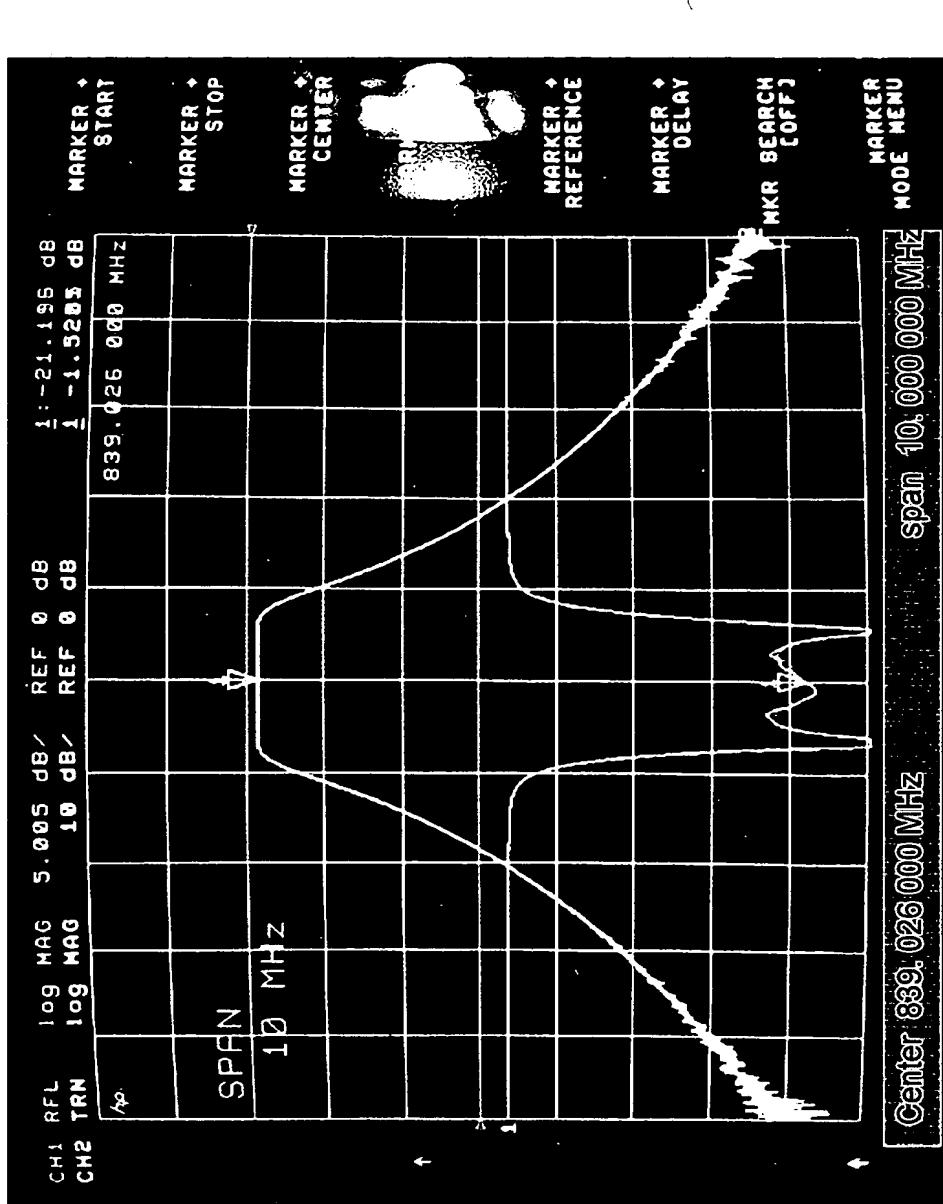


FIG. 9(a)



Inventor: BORZENETS ET AL.  
Docket No.: 10467.54US01  
Title: RESONATOR TUNING ASSEMBLY AND METHOD  
Serial No.: 10/037,292  
Sheet 10 of 28

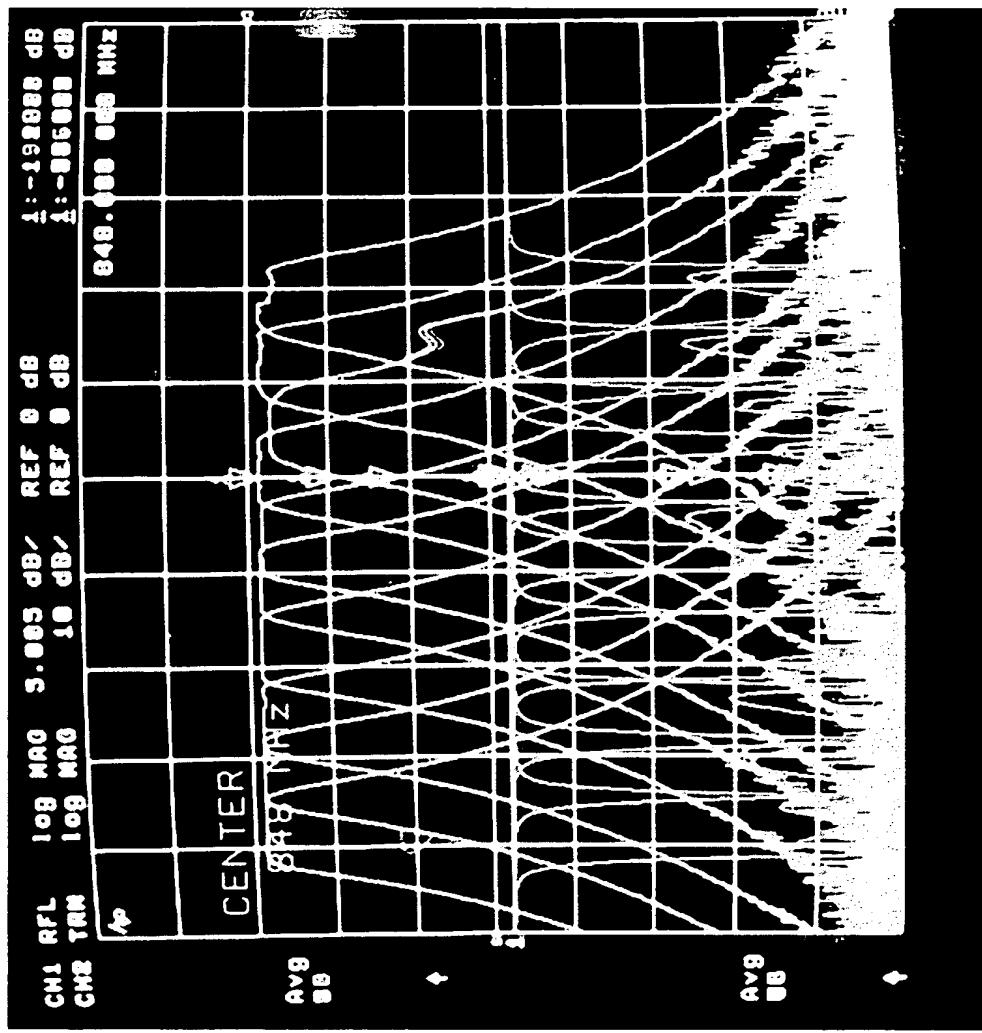


FIG. 9(b)

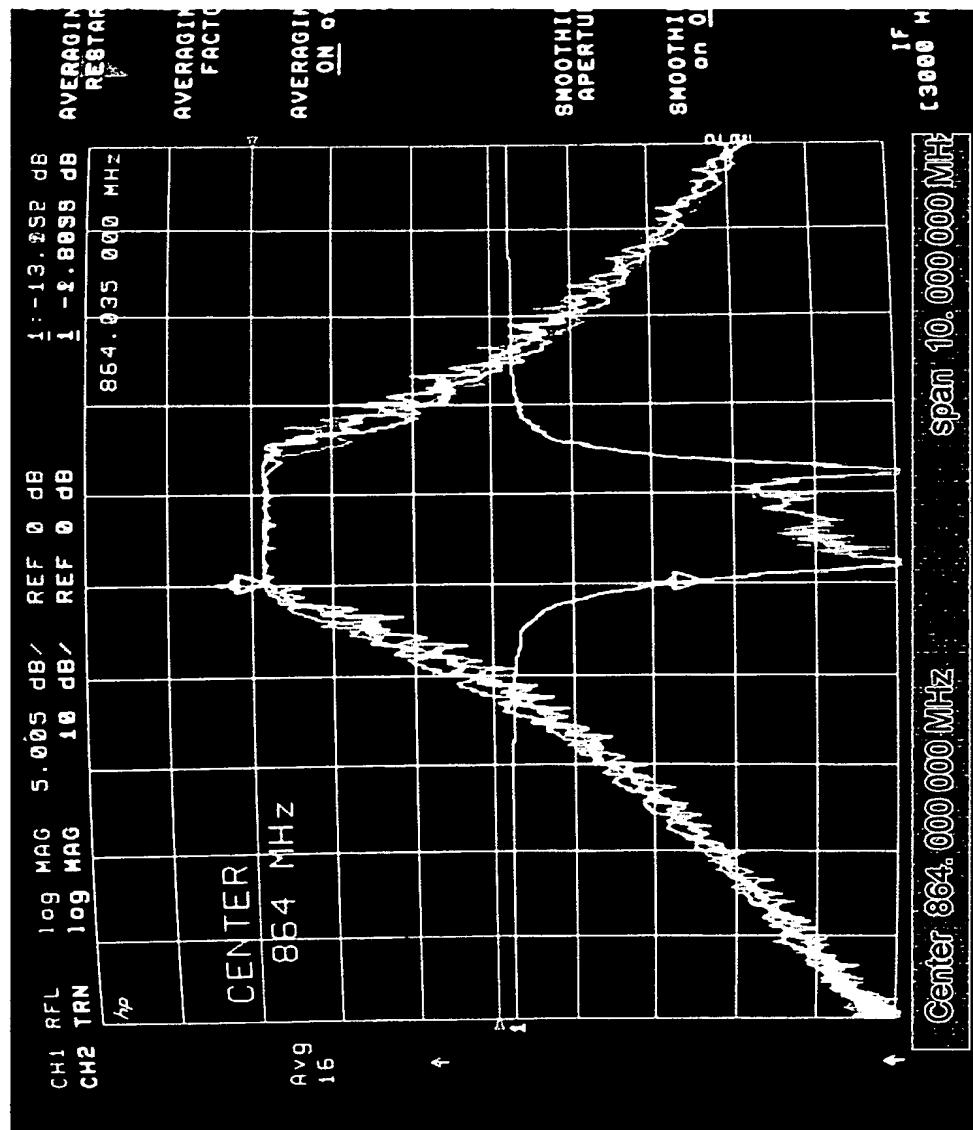


FIG. 10(a)

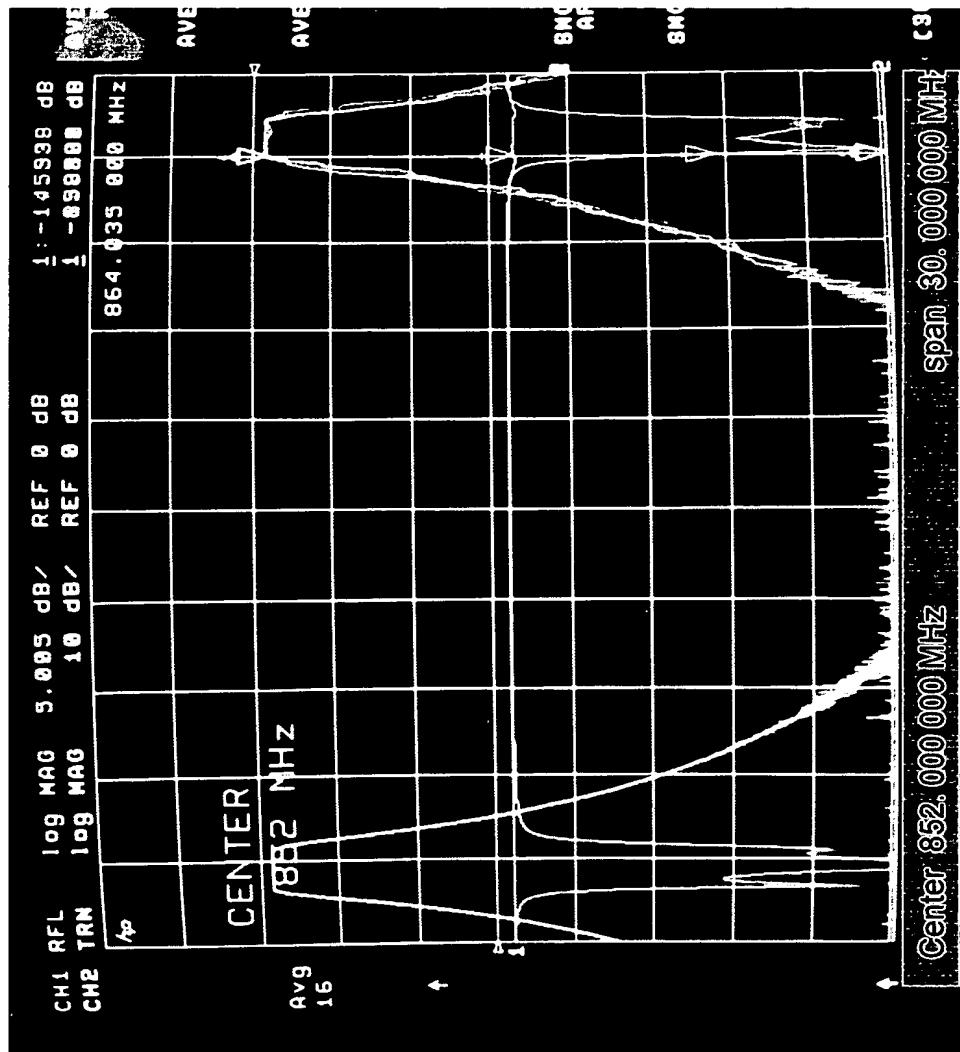
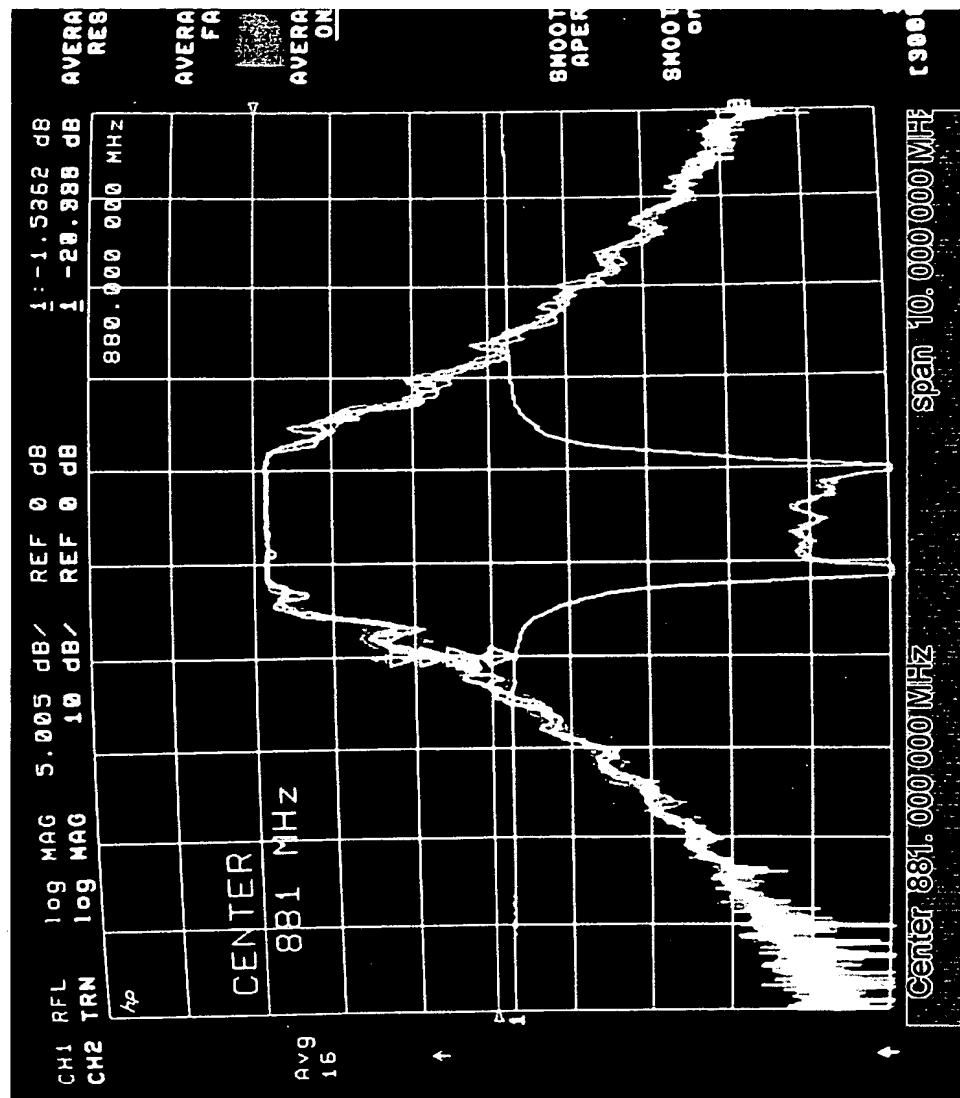


FIG. 10(b)



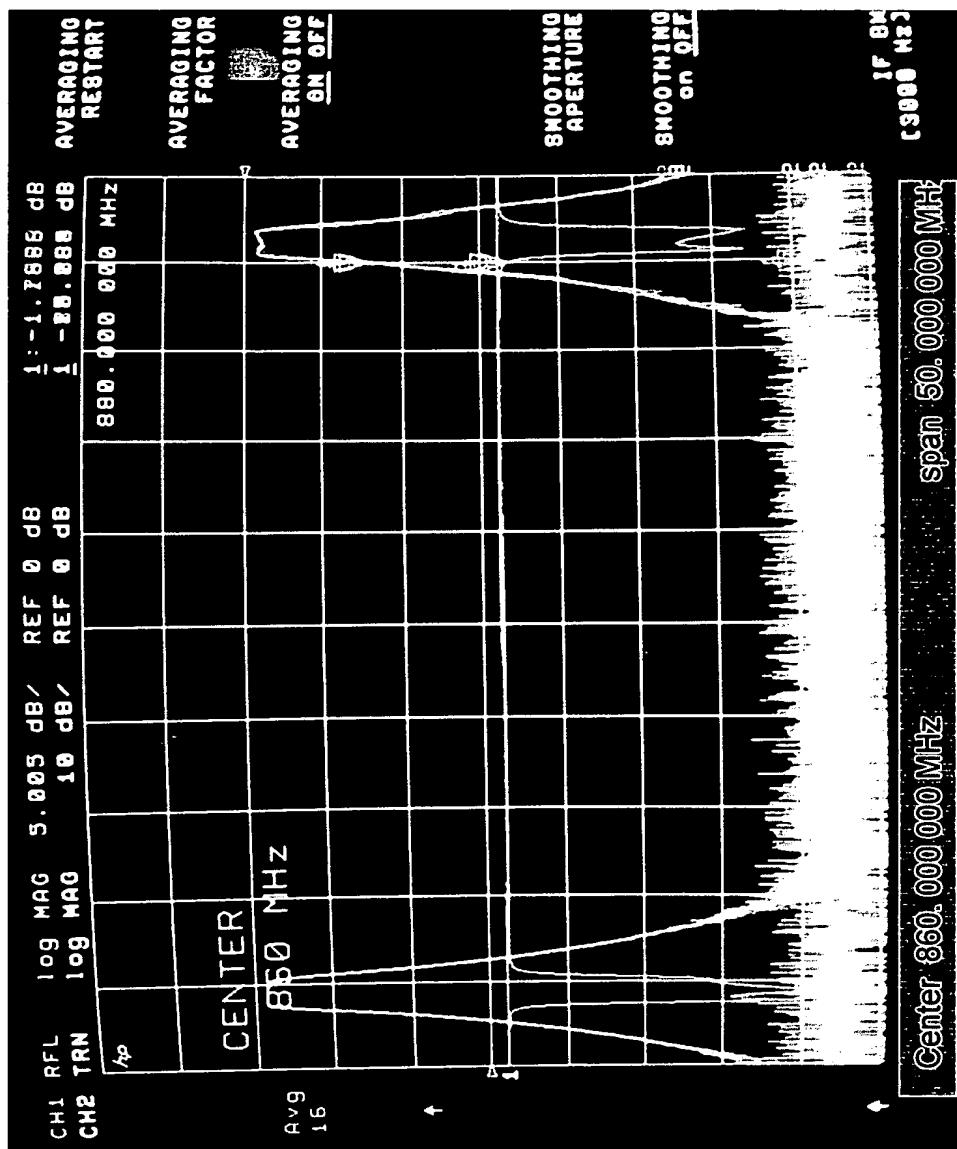
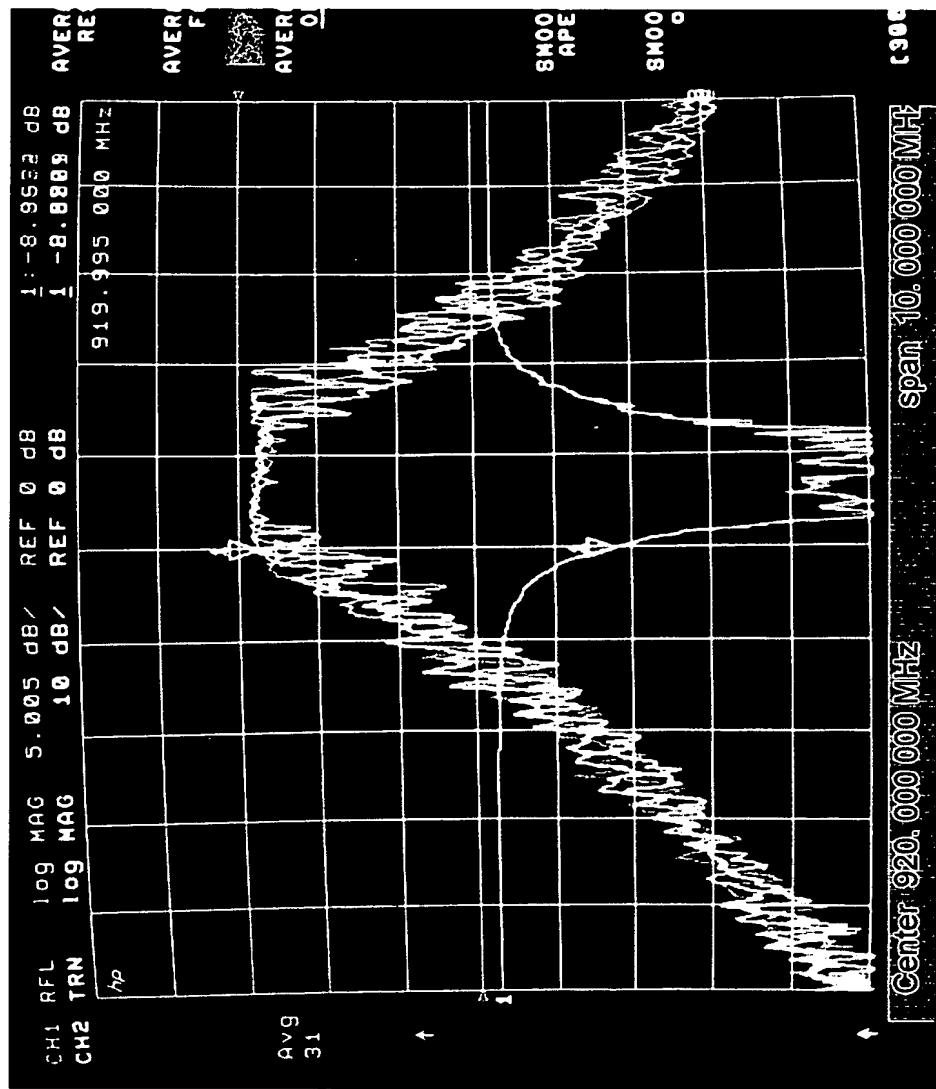


FIG. 11(b)



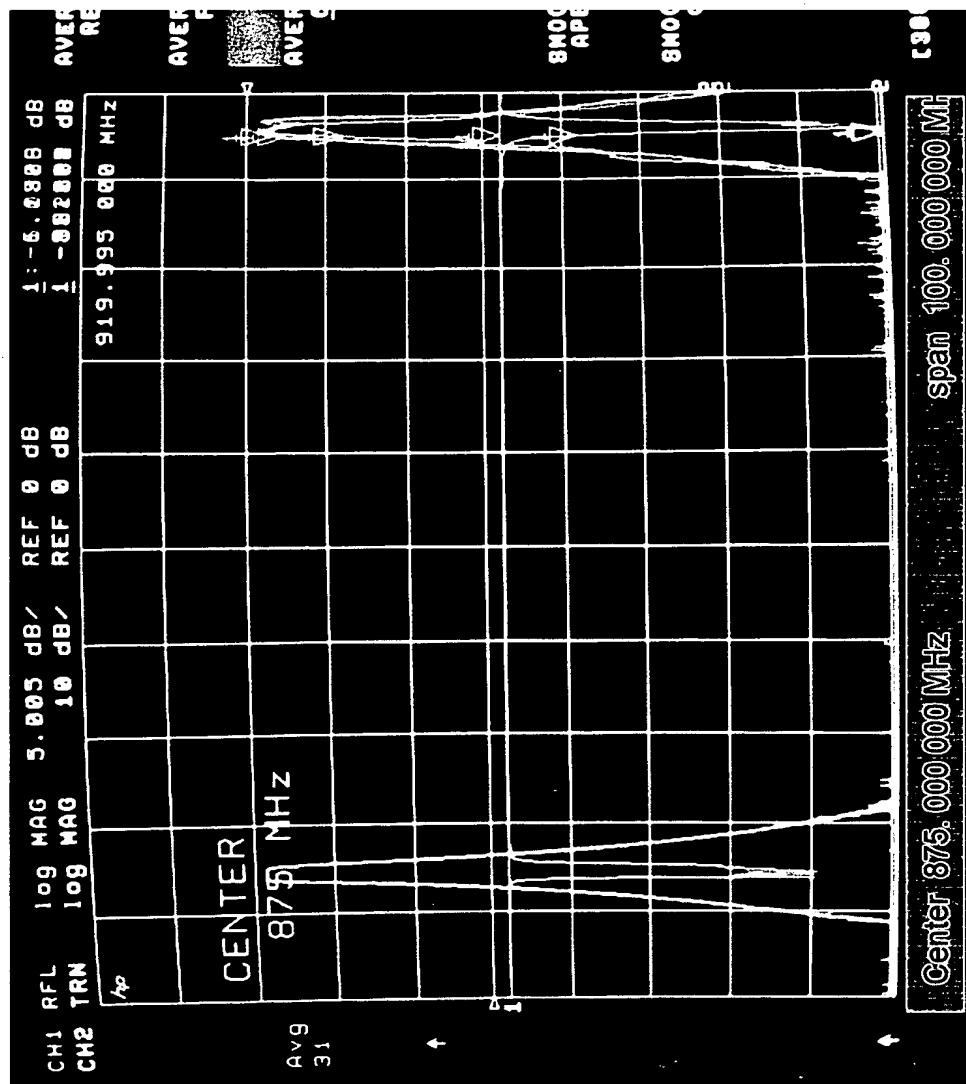


FIG. 12(b)



FIG. 13

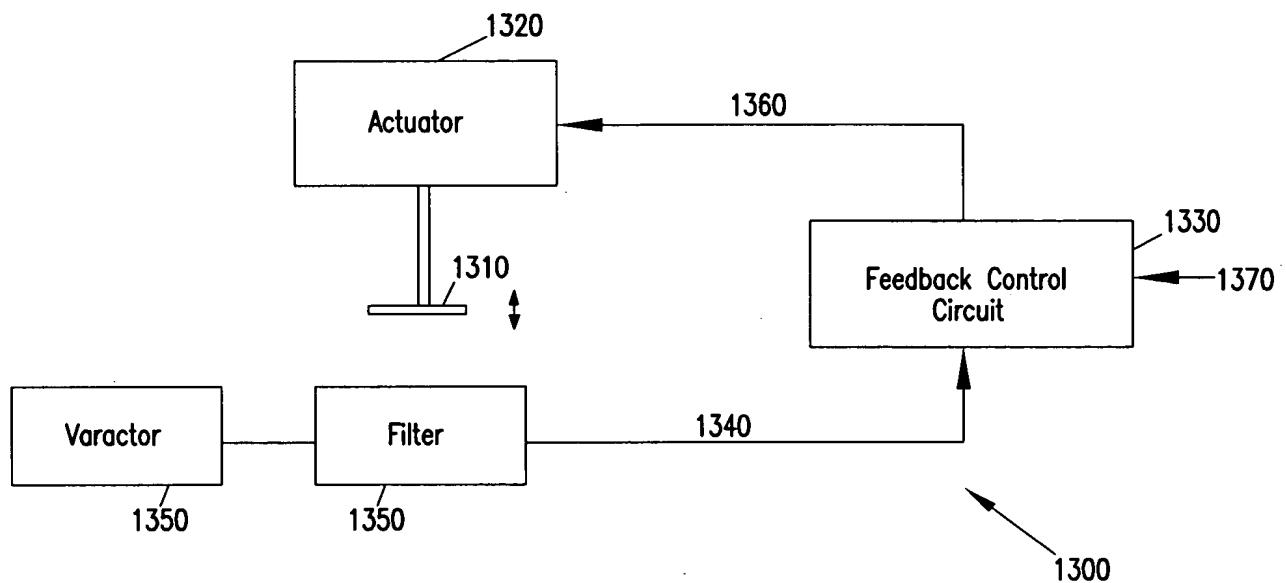


FIG. 14a

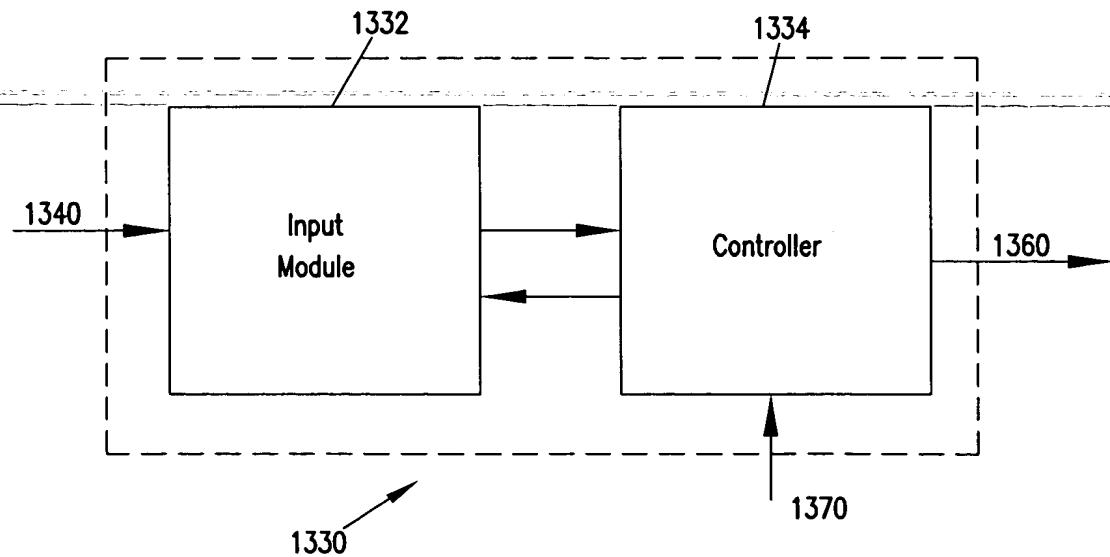
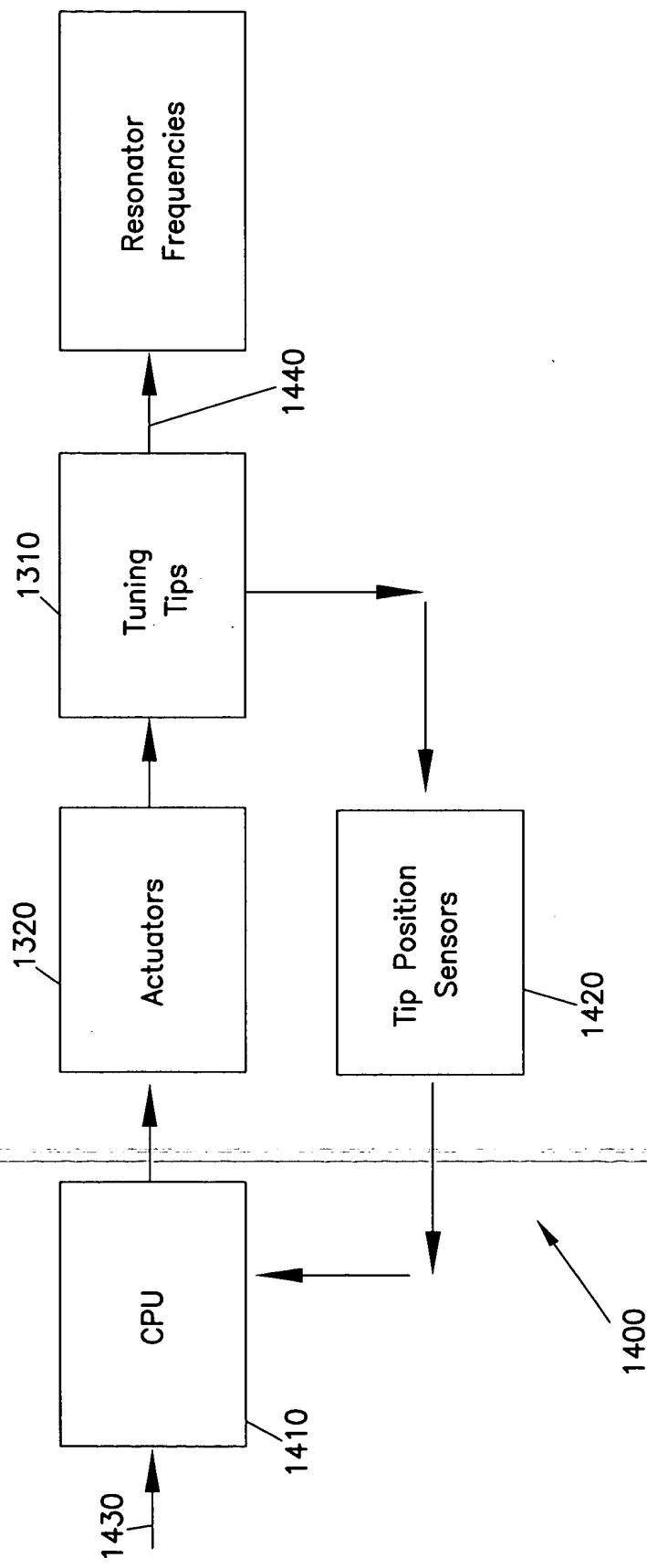




FIG. 14b





Inventor: BORZENETS ET AL.  
Docket No.: 10467.54US01  
Title: RESONATOR TUNING ASSEMBLY AND METHOD  
Serial No.: 10/037,292  
Sheet 19 of 28

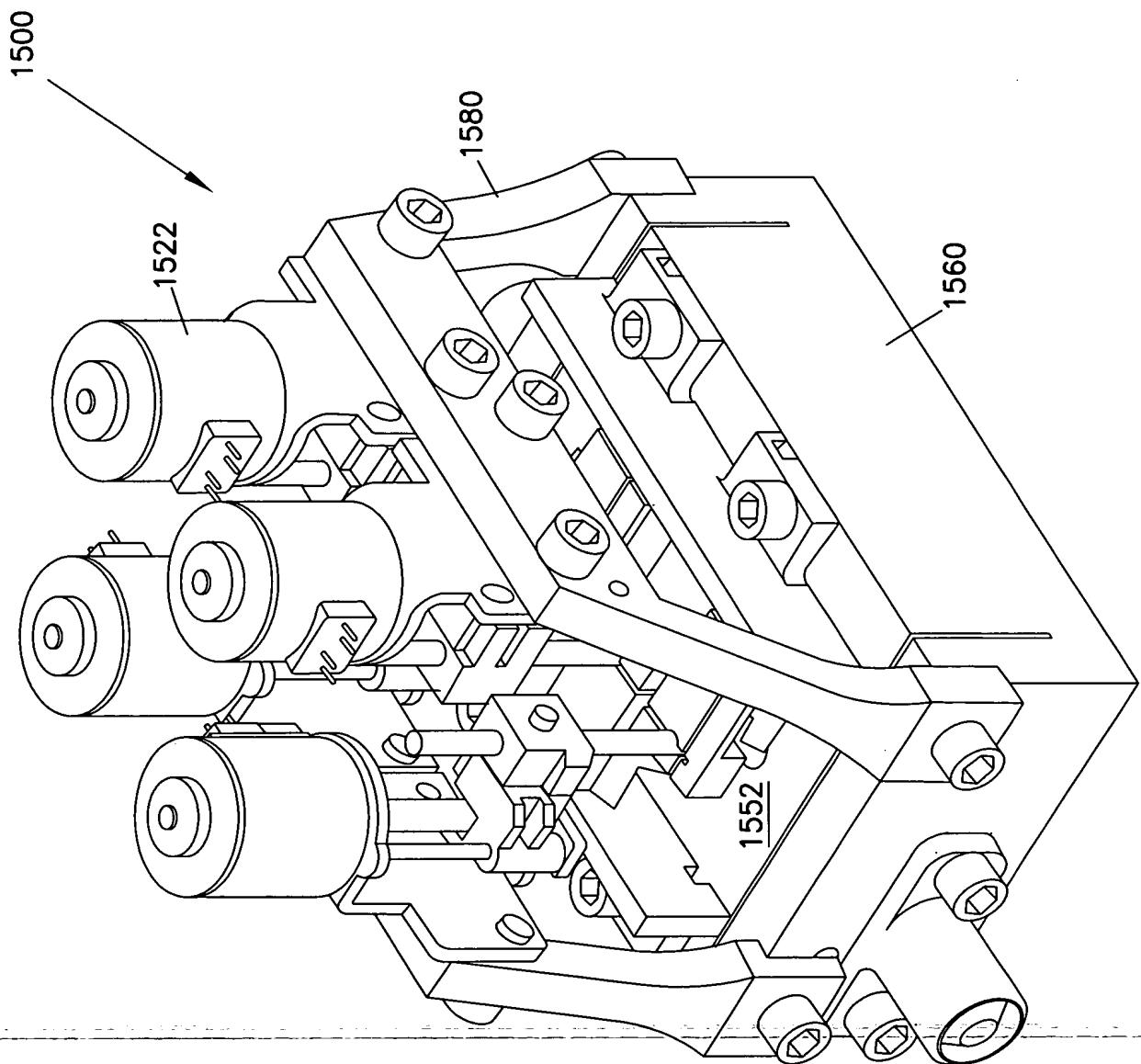


FIG. 15a



Inventor: BORZENETS ET AL.  
Docket No.: 10467.54US01  
Title: RESONATOR TUNING ASSEMBLY AND METHOD  
Serial No.: 10/037,292  
Sheet 20 of 28

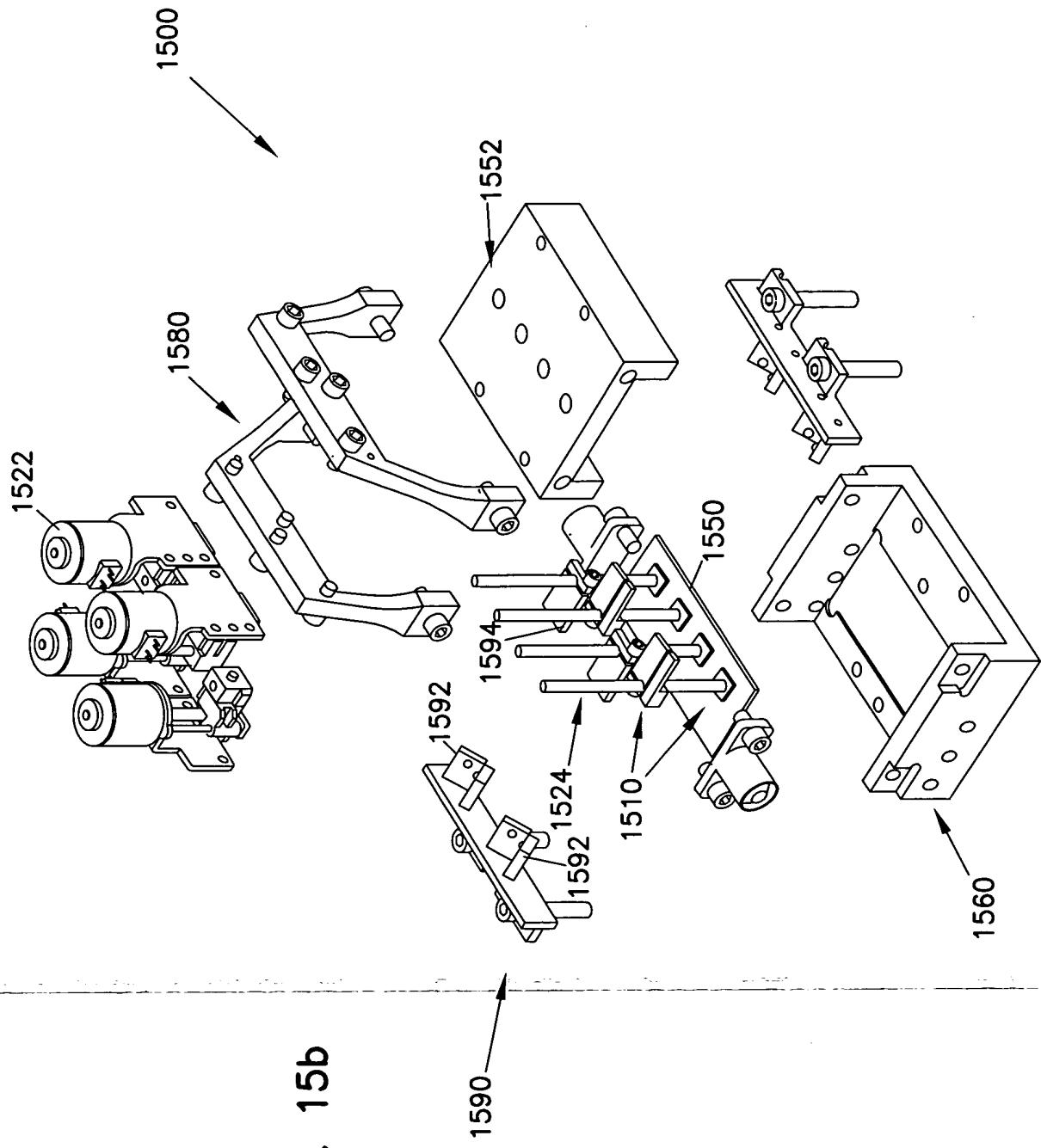
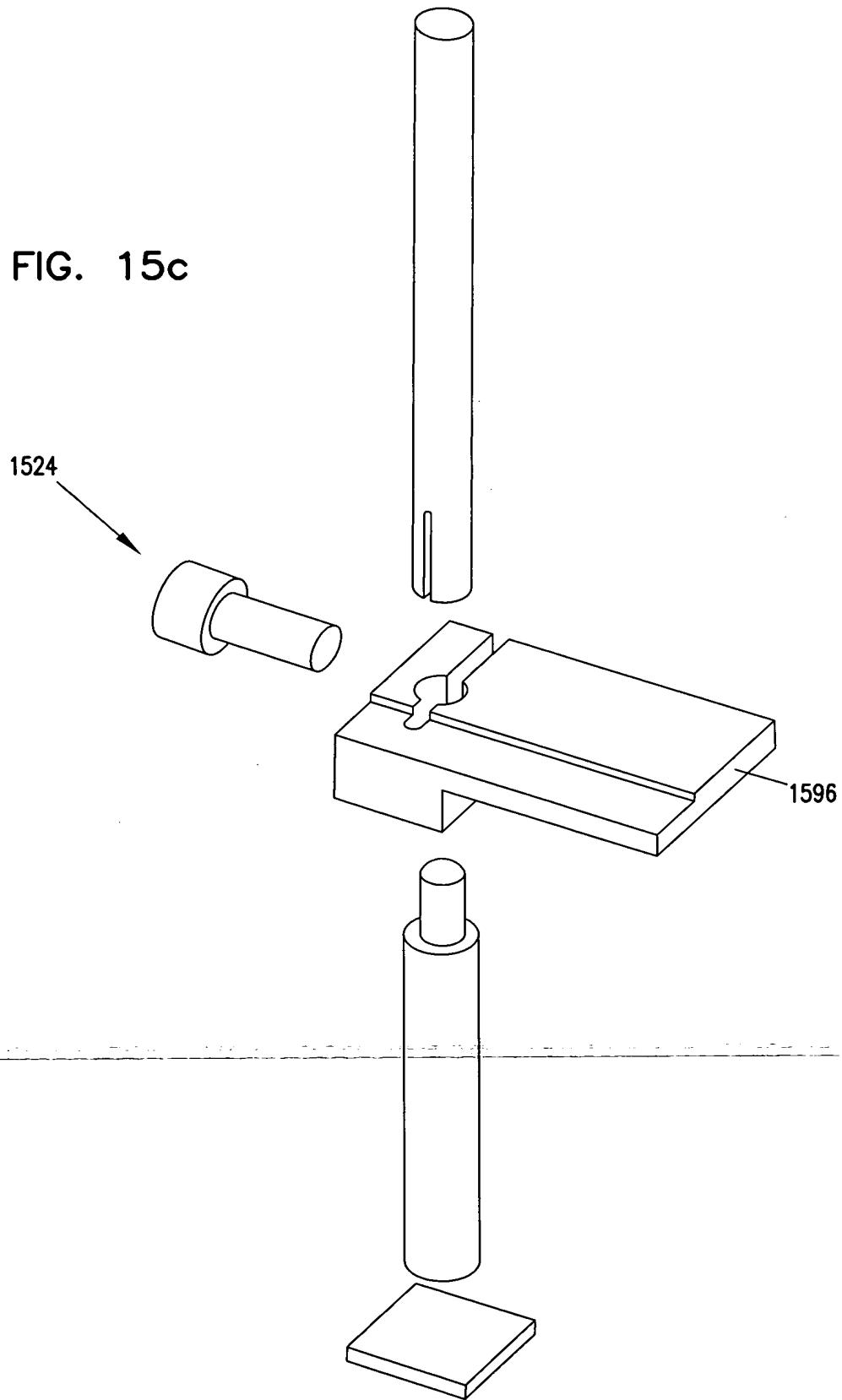


FIG. 15b



FIG. 15c





Inventor: BORZENETS ET AL.  
Docket No.: 10467.54US01  
Title: RESONATOR TUNING ASSEMBLY AND METHOD  
Serial No.: 10/037,292  
Sheet 22 of 28

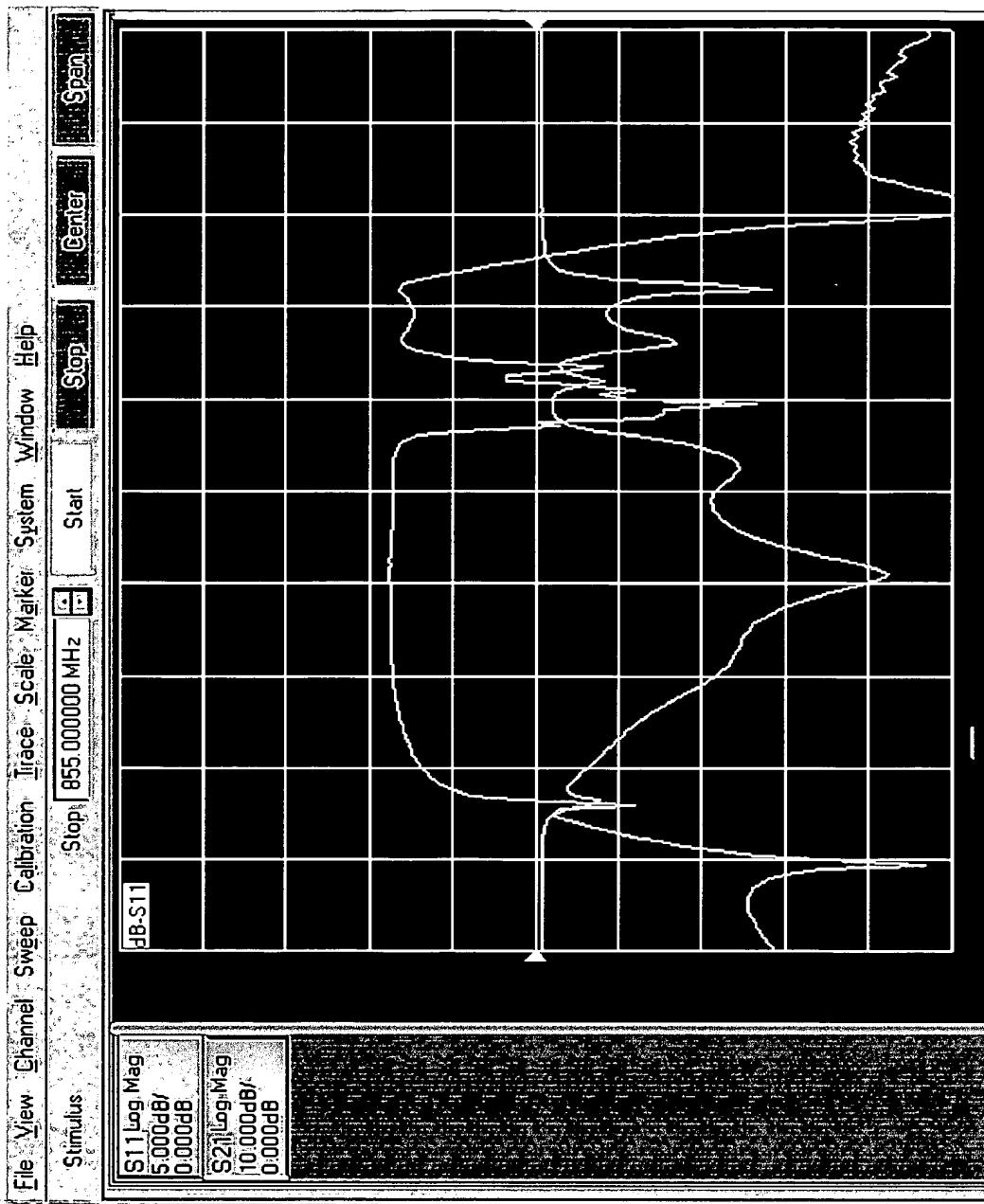


FIG. 16(a)

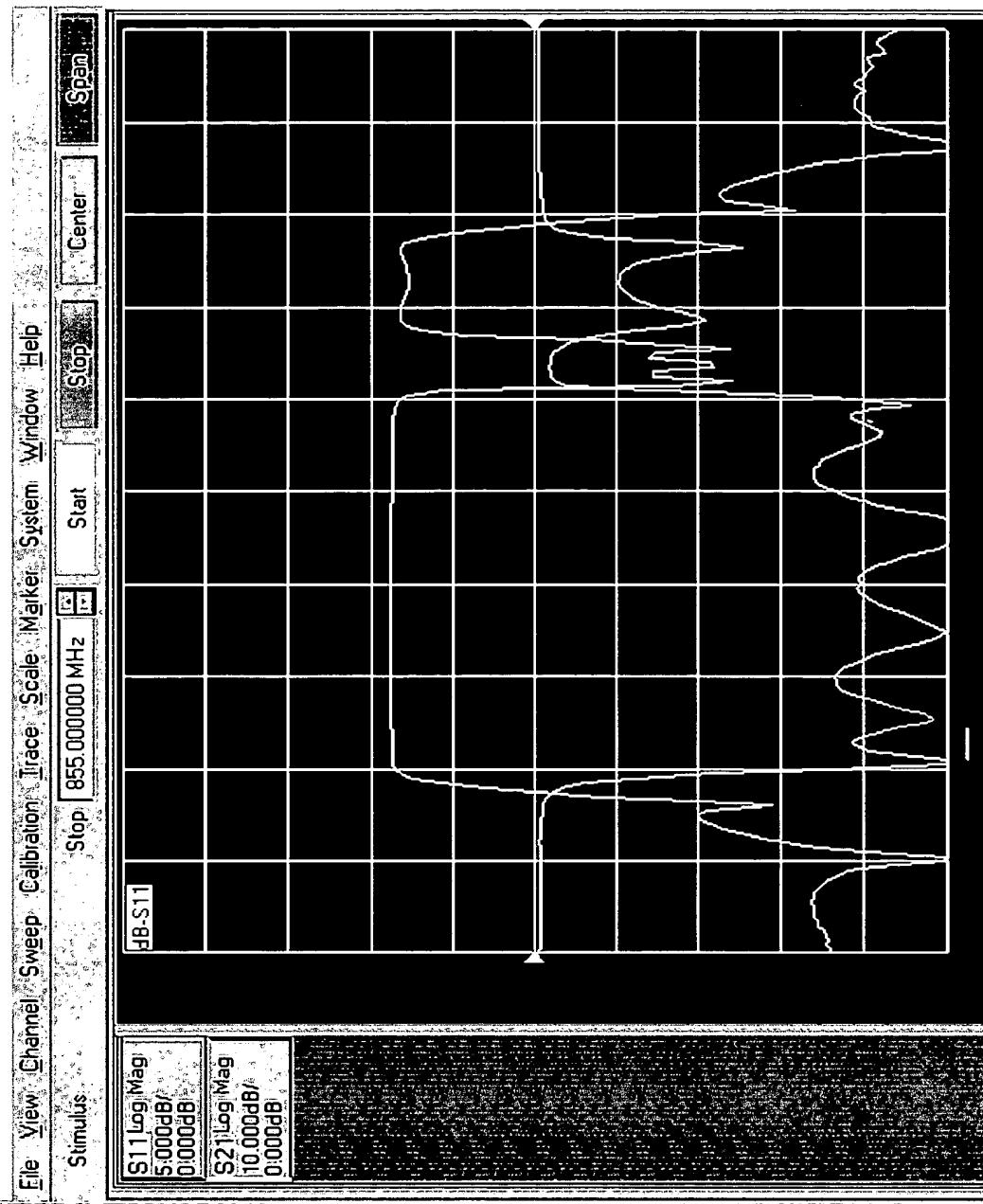


FIG. 16(b)



FIG. 17

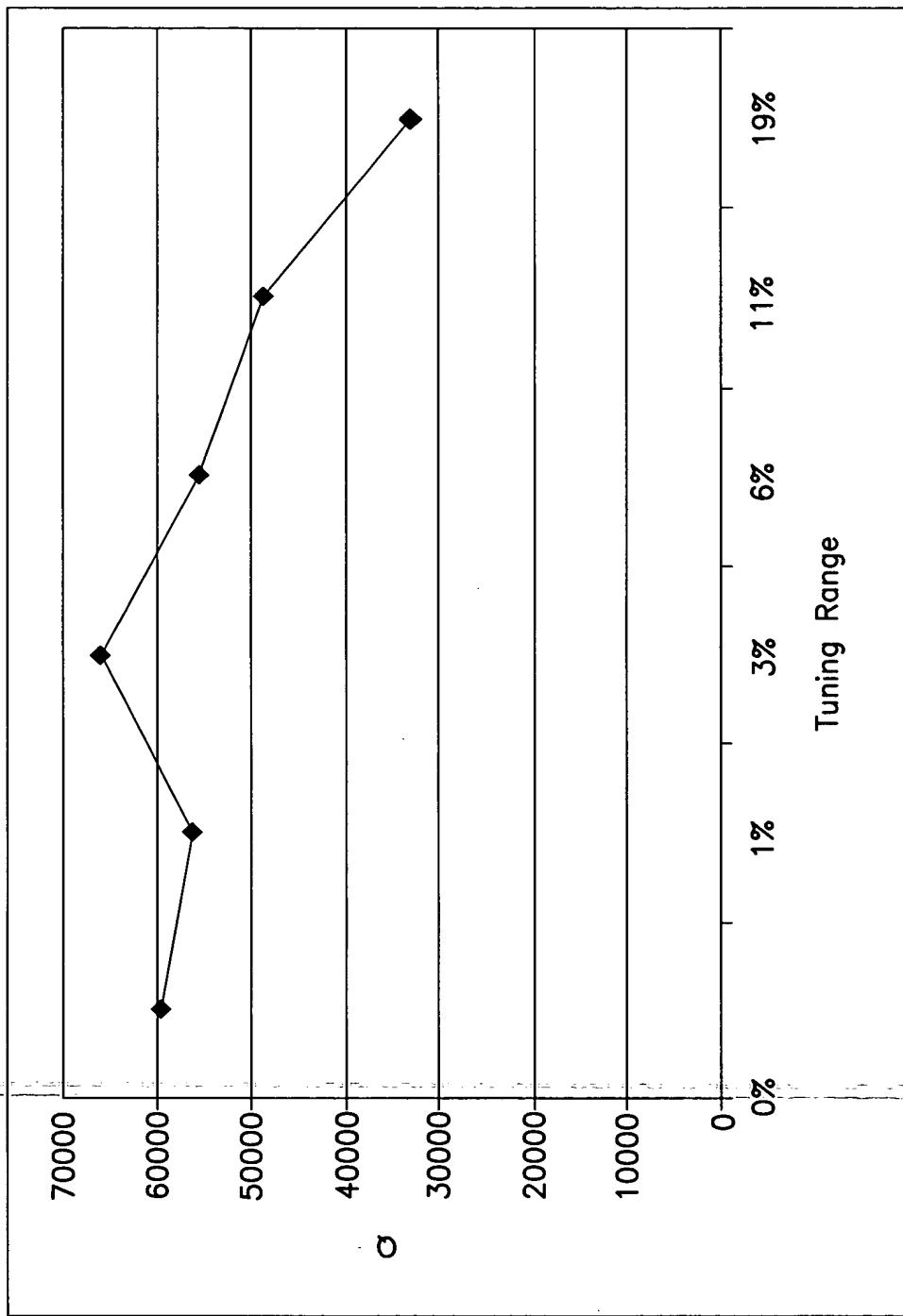
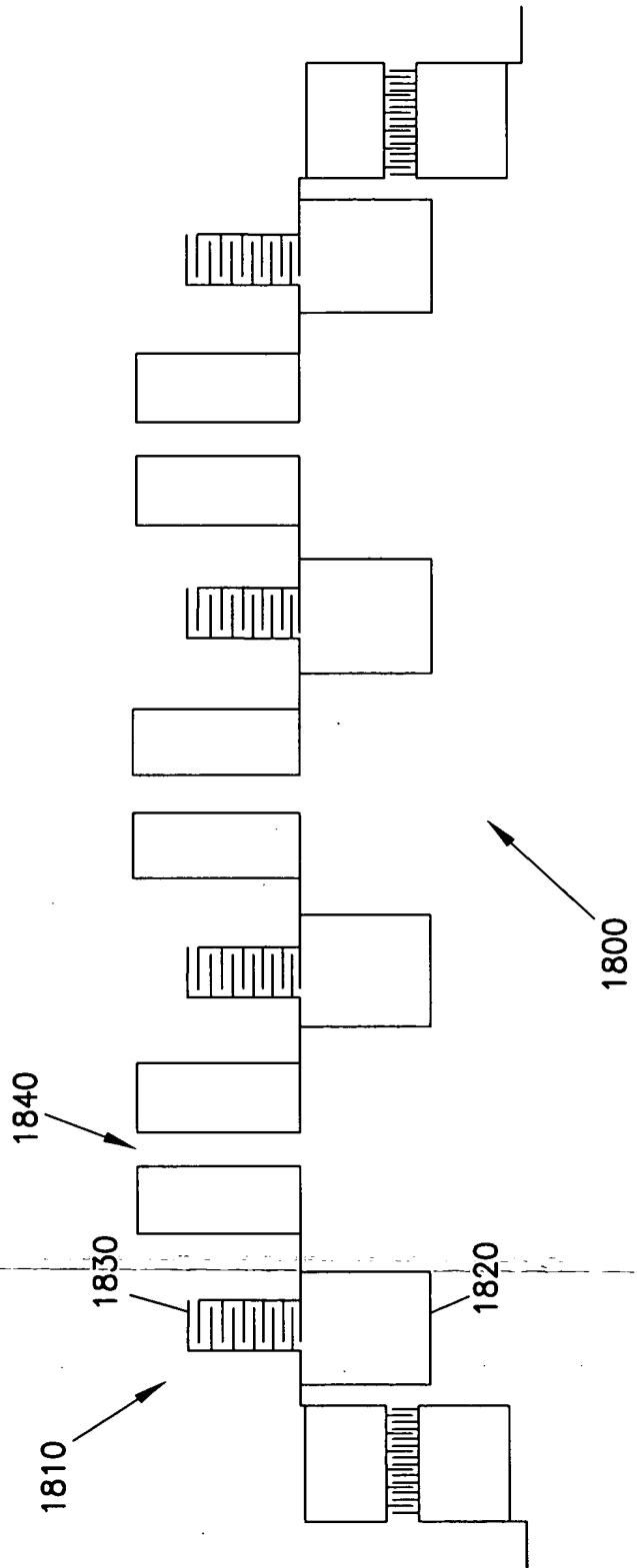




FIG. 18A



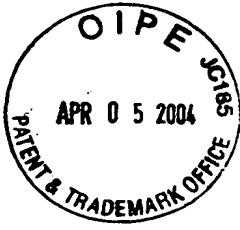


FIG. 18b

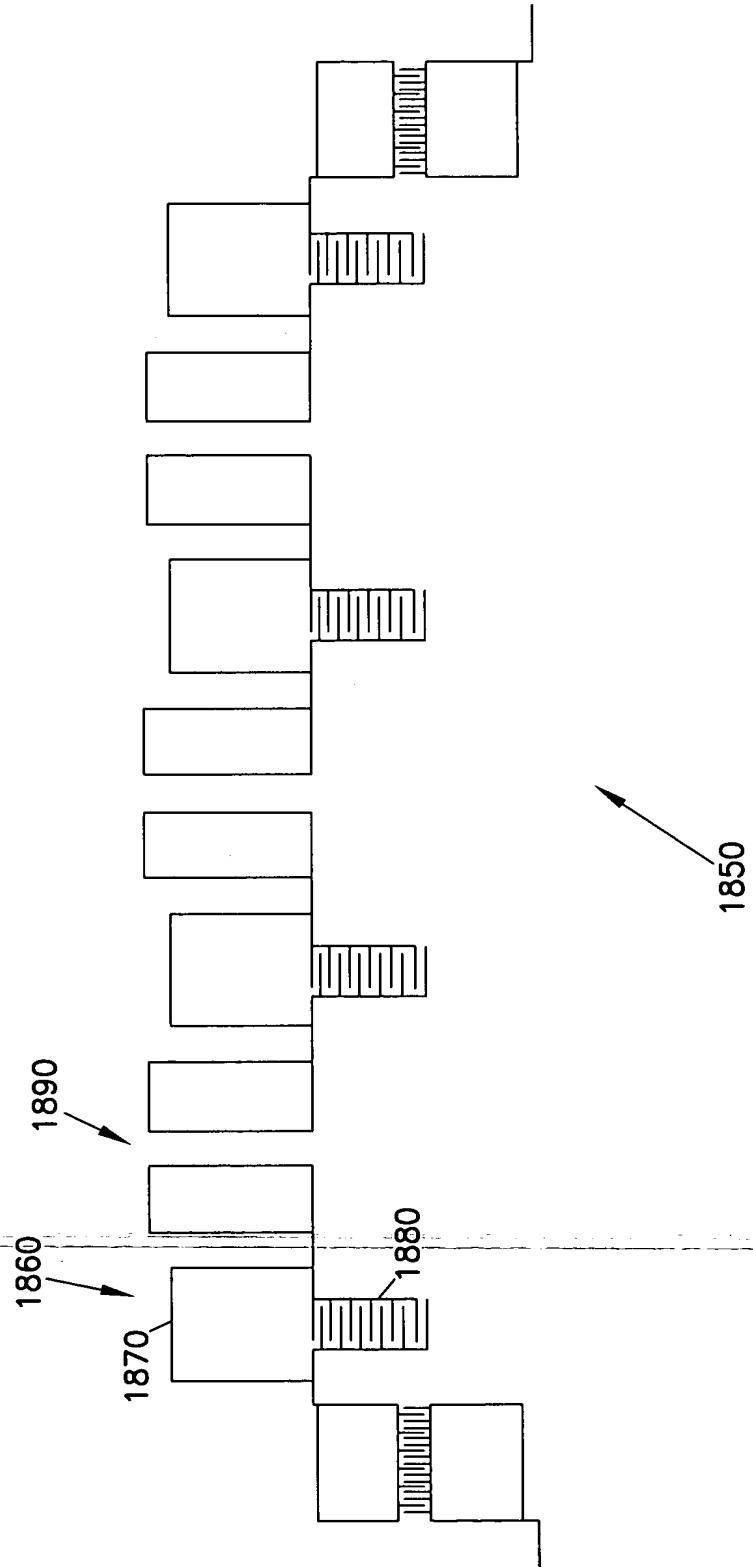




FIG. 19

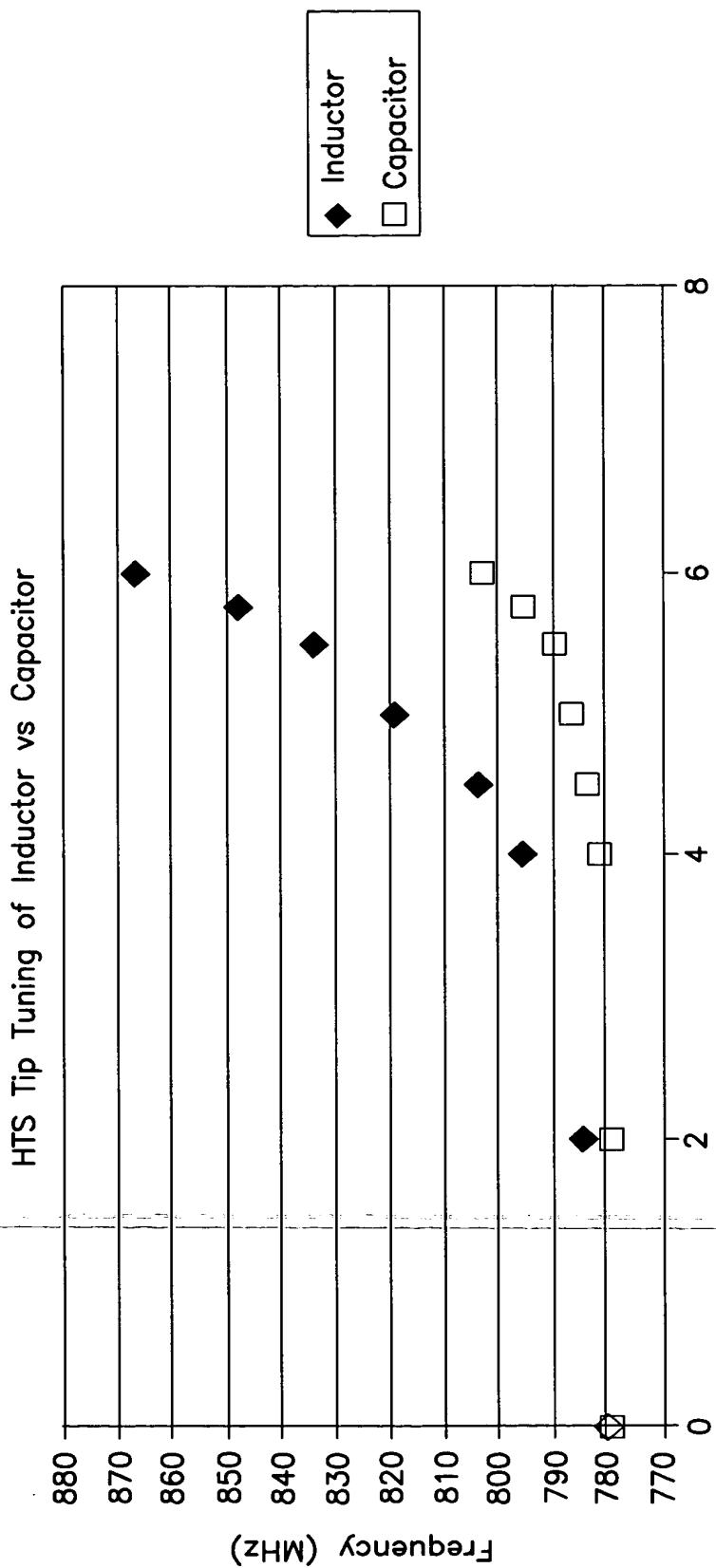




FIG. 20

